



ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitute for form 1449/PTO			<b>Complete If Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number	10/660,902	
			Filing Date	September 12, 2003	
			First Named Inventor	Xing SU	
			Art Unit	1637	
			Examiner Name	A. M. Bertagna	
Sheet	1	of	2	Attorney Docket Number	070702008020

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AB	1.	4,683,195	07-1987	MULLIS	
	2.	4,683,202	07-1987	MULLIS	
	3.	4,800,159	01-1989	MULLIS	
	4.	5,038,853	08-1991	CALLAWAY	
	5.	5,401,511	03-1995	MARGALIT	
	6.	5,405,747	04-1995	JETT et al.	
	7.	5,610,287	03-1997	NIKIFOROV	
	8.	5,707,804	01-1998	MATHIES et al.	
	9.	5,721,102	02-1998	VO-DINH	
	10.	5,776,674	07-1998	ULMER	
	11.	5,783,389	07-1998	VO-DINH	
	12.	5,814,516	09-1998	VO-DINH	
	13.	5,866,336	02-1999	NAZARENKO et al.	
	14.	5,867,266	02-1999	CRAIGHEAD	
	15.	5,904,824	05-1999	OH	
	16.	5,919,622	07-1999	MACHO	
	17.	5,986,076	11-1999	ROTHSCHILD	
	18.	6,002,471	12-1999	QUAKE	
	19.	6,033,546	03-2000	RAMSEY	
	20.	6,040,191	03-2000	GROW	
	21.	6,054,495	04-2000	MARKOWITZ	
	22.	6,090,589	07-2000	DIMOND	
	23.	6,127,120	10-2000	GRAHAM et al.	
	24.	6,136,543	10-2000	ANAZAWA et al.	
	25.	6,140,053	10-2000	KOSTER	
	27.	6,149,868	11-2000	NATAN et al.	
	28.	6,174,677	01-2001	VO-DINH	
	29.	6,180,372	01-2001	FRANZEN	
	30.	6,180,415	01-2001	SCHULTZ et al.	
	31.	6,210,896	04-2001	CHAN	
	32.	6,214,246	04-2001	CRAIGHEAD	
	33.	6,219,137	04-2001	VO-DINH	
	34.	6,225,068	05-2001	WOLFRUM	
	35.	6,313,914	11-2001	ROE	
	36.	6,344,272	2-2002	OLDENBURG et al.	
	37.	6,376,177	4-2002	POPONIN	
	38.	2002/0058273-A1	05-2002	SHIPWASH	
	39.	2002/0102595-A1	08-2002	DAVIS	
AB	40.	2003/0059820-A1	03-2003	VO-DINH	

Examiner Signature	/Angela Bertagna/	Date Considered	01/24/2007
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Sheet	2	of	2	Attorney Docket Number	070702008020

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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
AB	41.	Machara, N. et al. (1998). Efficient Detection of Single Molecules Eluting Off an Optically Trapped Microsphere, <i>Bioimaging</i> , 6:33-42.		
	42.	1997 DOE Human Genome Program Contractor-Grantee Workshop VI, located at < <a href="http://www.ornl.gov/hgmis/publicat/97santa/seqtech.html">http://www.ornl.gov/hgmis/publicat/97santa/seqtech.html</a> >. (2 pages)		
	43.	M. Sauer, "New Strategies for DNA Sequencing Using Diode Laser-Based Time-Resolved Fluorescence Detection," located at < <a href="http://pc-cube01.pci.uni-heidelberg.de/alt/msauer/emsproject01.htm">http://pc-cube01.pci.uni-heidelberg.de/alt/msauer/emsproject01.htm</a> > Visited on Nov. 12, 2001. (2 pages).		
	44.	Lee and Meisel (1982)., <i>J. Phys. Chem.</i> 86:3391-3395,		
	45.	Feldheim (2001). "Assembly of Metal Nanoparticle Arrays Using Molecular Bridges," <i>The Electrochemical Society Interface</i> , 22-25.		
	46.	B. Dubertret et al. (2001). "Single-Mismatch Detection Using Gold-Quenched Fluorescent Oligonucleotides," <i>Nature Biotechnology</i> , 19:365-370.		
	47.	Bloch et al. (2001). "Optics with an atom laser beam," <i>Phys. Rev. Lett.</i> 87		
	48.	Ivanisevic et al. (2001). "Dip-Pen Nanolithography on Semiconductor Surfaces," <i>J. Am. Chem. Soc.</i> , 123: 7887-7889,		
	49.	Siegel (1987). "Ion Beam Lithography," <i>VLSI Electronics, Microstructure Science</i> , 16,		
	50.	Jin et al. (2001). "Photoinduced Conversion of Silver Nanospheres to Nanoprisms," <i>Science</i> , 294: 1901-1903,		
	51.	Castro, A. et al. (1993). "Fluorescence Detection and Sizing Measurement of Single DNA Molecules," <i>Analytical Chemistry, American Chemical Society</i> , 65(7):849-852		
	52.	Szoelloesi, J. et al. (1998). "Application of Fluorescence Resonance Energy Transfer in the Clinical Laboratory: Routine and Research," <i>Cytometry</i> , 34(4): 159-179		
	53.	Watson, N. et al. (1998). "Detection of DNA Sequence by Surface Enhanced Resonance Raman Scattering of a Modified DNA Probe," <i>Progress in Forensic Genetics</i> , 7(1167):6-8		
AB	54.	Weiss, (1998). "Fluorescence Spectroscopy of Single Biomolecules" <i>Science</i> , 283(5408):1676-1683		

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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